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COWBRIDGE
RURAL DISTRICT COUNCIL

ANNUAL REPORT

of the



MEDICAL OFFICER OF HEALTH

G. McKIM THOMAS

M.R.C.S., L.R.C.P., L.D.S. (Eng.), D.P.H. (Lond.)

FOR THE YEAR

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PUBLIC HEALTH OFFICERS, 1958

Medical Officer of Health :

G. McKIM THOMAS,
M.R.C.S., L.R.C.P., L.D.S. (Eng.), D.P.H. (Lond.)

Public Health Inspector :

HUBERT THOMAS,
M.R.S.H., M.A.P.H.I., MEAT AND FOODS CERTIFICATE

Technical Assistant :

PHILIP BATTRICK

Clerk :

MISS P. HOPKIN

Members of the Public Health Committee for 1958

<i>Member</i>	<i>Parish Represented</i>
Cllr. P. C. Thomas (<i>Chairman of the Committee</i>)	St. Donats, Marcross, Monknash
„ T. J. Hughes, J.P. (<i>Chairman of the Council</i>)	Llantwit Major
„ David J. Battrick	Llangan, St. Mary Hill
„ Kenneth H. Berry, J.P.	Llantwit Major
„ Cyril David	Peterstone-super-Montem
„ Joseph A. David	Llanharan
„ Leonard G. Grey	Llantwit Major
„ W. H. Hoare	Llanblethian
„ D. Llewellyn Jenkins, J.P. (Deceased)	Flemingstone, Llanmaes, Eglwysbrewis
„ W. J. Jenkins	Llanharan
„ George Johnson	Llandow, St. Andrew's Minor
„ R. Godfrey Lewis	Ystradowen, Llansannor
„ Trevor C. Lewis	Llanharry, Llanilid
„ Ivor J. Llewellyn	St. Athan, Gileston
„ Eli Light	Llanharry, Llanilid
„ C. A. Mace, B.E.M.	Llanharan
„ Evan Meatyard	Llantwit Major
„ Holford S. Morgan	Llysworney, Llanmihangel, Nash
„ E. J. Smith	Llanfair, St. Hilary
„ Clifford H. Thomas	Penllyne
„ Harry R. Thomas	Llanblethian
„ William G. Thomas	Peterstone-super-Montem
„ J. Thornley Taylor	Colwinstone, Stembridge
„ Mrs. C. R. Reed, J.P.	Llanharan
„ Alfred J. Vincent	St. Athan, Gileston
„ Terence Williams	Llanharry, Llanilid

COWBRIDGE RURAL DISTRICT COUNCIL

Health Department,
Eastgate Street,
Cowbridge, Glam.

To the Chairman and Members of the Cowbridge Rural District Council

Mrs. Reed and Gentlemen,

It is my pleasure to present to you my Annual Report on the health and sanitary circumstances of the Cowbridge Rural District for the year 1958.

The Report has been prepared on the general lines of previous years and follows Circular 22/58 (Wales) of the Welsh Board of Health, and deals with such matters as the vital statistics and social conditions of the area, health services, water supply, drainage, public cleansing, housing, atmospheric pollution, food hygiene and any other matters which might affect the health of the inhabitants.

There are no particular features in the district which would lead to a high death or sickness rate, in fact, the death rate is 12.15 per 1,000 which is average for rural districts in the County. It is interesting to find that 57 per cent of the residents survived to the age of 65 years and over.

The infant mortality rate is 27.93 per 1,000 live births and this compares very favourably with the rate for the rest of Glamorgan.

During the year there were a total of 82 infectious diseases notified, and of this number there were 52 cases of measles and 4 of whooping cough.

There were no notifications of acute poliomyelitis. Again this year there was not a single case of diphtheria due, no doubt, to the children having been immunised against it. However, it is still absolutely essential for all infants to receive this simple protective treatment.

There are in the area 39 houses classed as Category V, which have not been dealt with as early as they might have been, and this is due to the general restriction on capital expenditure. During the year there were 8 unfit properties which were either closed or demolished.

In a like reason there has been a hold up in proceeding with any sewerage schemes, and I should mention the following areas in which it is desirable for schemes to be developed—Llandow, Llanmaes and Treoes.

During the year there has been an increase in the total number of caravans in the area, and there are some which have been brought into the area which fall short of a desirable standard for living purposes, and particularly under winter conditions. It is very important that there should not be a lowering of the standard of caravans, as this in a short time could very well result in a still lower standard by the deterioration of individual caravans through neglect and disrepair.

As regards the sites, the general standard has not been developed to the extent which it should have been, but I hope there will be an improvement in the near future.

As a result of recent legislation, there has been a definite improvement in the standard of food hygiene and particularly improved sanitary and other conditions in shops and catering establishments. More details of this will be found in the body of the report.

SOCIAL CONDITIONS

The Cowbridge Rural Area lies between the southern edge of the South Wales Coalfield and the Bristol Channel. The 64 square miles are subdivided into 28 parishes of varying sizes and density of population.

Farming, the major industry, is for the most part on a small scale, and relatively few of the farmhouses are so isolated as to be outside the scope of modern amenities such as electricity, and piped water supply. Because of the high fertility value of the land, milk and meat production form the primary interest and arable activities are mostly supplemental.

The more thickly populated parts of the District are to the north including the small townships of Llanharan, Brynna and Llanharry, and in the far south Llantwit Major and St. Athan.

Labour in the northern portion is absorbed by the several factories, collieries and iron ore mine. Workers in the southern parishes are mainly engaged at the two Air Stations of St. Athan and Llandow, although the latter aerodrome was closed in March of 1957 and redundant labour here remained to be absorbed into other industries.

The British Electricity Authority's new power station at The Leys is in course of construction.

Public mains water is available at satisfactory pressure in each of the twenty eight parishes. The ridge lands in the northern extremity of the district however, rise above the upper limit for the Water Board's service and here a relatively small number of farmhouses rely on private supplies.

The villages and townships of Llanharan, Brynna, Thomastown, Ynysmardy, Llanharry, Tylagarw, Llanblethian and Aberthin are sewered to municipal sewage disposal works, and those of Llantwit Major, Boverton and St. Athan have sea outfalls. The Council's huttred sites at Leechmore, Highfield and St. Donats are sewered to private disposal works with Llandow Aerodrome.

Since 1949 the Council has undertaken the collection of refuse by a direct labour scheme using three modern collection vehicles to give a once weekly service in the centre and south, and a twice weekly clearance in the northern parishes where coalmining forms the main employment.

Cesspool emptying by mechanical means is operated by the Council throughout the area. A scheme for the provision of approved pattern refuse bins now covers the whole area.

Electricity is available in every part of the district and much progress is being made to connect up the outlying farms and more isolated households.

MAIN INDUSTRIES OF THE AREA 1958

K. Morgan Ltd., Llantwit Major (Agricultural Machinery).
 Marley Tile Factory, St. Mary Hill (Roofing Tiles).
 The Cambrian Forge and Foundry Ltd., Tylagarw (Drop Forge).
 United Clubs Brewery, Tylagarw.
 National Coal Board, Coedely (Brick Manufacture).
 Llanharan C.W.S. Dairy (Pasteurising Plant).
 Norman Watson Decorations Ltd., St. Athan (Building Operations).
 W. E. Chivers & Sons, Ltd., St. Athan (Joinery and Building Works).
 National Coal Board, Coke Ovens & By-Products, Coedely.
 Noah Rees and Griffin Ltd., Llantwit Major (Agricultural Repair Shop).
 19 M.U., R.A.F., St. Athan (Aeronautical Engineers).
 Bronze Smelters, Ltd., Tylagarw.
 Pontyclun Electric Joinery & Timber Works.
 R. S. Bird Ltd., Cowbridge (Motor Mower Engineers).
 S. Wales Concrete Pipe Co., Ltd., Coedcae Lane (Concrete Pipe Manufacture).
 Kirk and Co., Tylagarw (Flanges Manufacture).
 N.C.B. Colliery, Coedely (Coal Mining).
 N.C.B. Colliery, Llanharan (Coal Mining).
 Glamorgan Hematite Iron Ore Co., Llanharry (Iron Mining).
 J. Olding & Co. Ltd., Crossways (Machinery Overhauling).
 Ministry of Agriculture, Fisheries & Food, Crossways (Repair of Machinery).
 Leys Power Station (fourteen contractors on site).
 Glamorgan Fire Service H.Q., Lanelay Hall (Administrative H.Q. and Vehicle Servicing).

SECTION A.

STATISTICS OF THE AREA

Area (in acres)	...	...	...	...	40,020
Total Population (mid-year 1958)	...				19,050
Number of houses occupied, December, 1958	...				3,922
Rateable value (March, 1958)	...	...			£199,851
Product of a penny rate (March, 1958)	...				£788 19s. 7d.

GLAMORGAN (ADMINISTRATIVE COUNTY)—VITAL STATISTICS, 1958

					Estimated Population 1958	Births			Deaths			Infant Mortality		Neo Natal Mortality	
						Number of Births	Rate per 1,000 Population Crude	Adjusted	Number of Deaths	Rate per 1,000 Population Crude	Adjusted	Deaths under 1 year	Rate per 1,000 Live Births	Deaths under 4 weeks	Rate per 1,000 Live Births
England and Wales	...	...	...	...		738,323	16.4	—	526,792	11.7	—	16,620	22.50	—	—
Administrative County	...	...	...	...	743,100	12,243	16.48	16.32	8,829	11.88	13.66	353	28.83	251	20.50
Urban Districts	...	...	...	...	535,600	8,841	16.51	16.18	6,366	11.89	13.79	265	29.97	189	21.38
Rural Districts	...	...	...	...	207,500	3,402	16.40	16.73	2,463	11.87	13.18	88	25.87	62	18.22
Health Division	Constituent Districts														
Aberdare and Mountain Ash	Aberdare Urban	...	...	...	39,860	564	14.15	14.57	591	14.83	15.27	16	28.37	13	23.05
	Mountain Ash Urban	...	...	...	30,540	505	16.54	16.37	345	11.30	13.67	24	47.52	16	31.68
Caerphilly and Gelligaer	Caerphilly Urban	...	...	...	37,570	701	18.66	17.73	380	10.11	12.84	16	22.82	11	15.69
	Gelligaer Urban	...	...	...	36,300	647	17.82	18.35	384	10.58	13.33	18	27.82	15	23.18
Mid-Glamorgan	Bridgend Urban	...	...	...	14,580	258	17.70	16.82	170	11.66	12.48	6	23.26	5	19.38
	Maesteg Urban	...	...	...	22,720	386	16.99	16.99	243	10.70	13.48	12	31.09	7	18.13
	Ogmore and Garw Urban	...	...	...	22,070	385	17.44	17.44	252	11.42	13.82	11	28.57	9	23.38
	Porthcawl Urban	...	...	...	10,500	155	14.76	14.61	160	15.24	14.02	2	12.90	2	12.90
	Penybont Rural	...	...	...	36,500	635	17.40	18.10	515	14.11	13.40	21	33.07	14	22.05
Neath and District	Neath M.B.	...	...	...	31,050	491	15.81	14.70	390	12.56	14.19	17	34.62	12	24.44
	Neath Rural	...	...	...	41,440	631	15.23	14.93	450	10.86	13.79	14	22.19	8	12.68
Pontypridd and Llantrisant	Llantrisant Rural	...	...	...	25,930	483	18.63	17.88	282	10.88	13.93	15	31.06	11	22.77
	Pontypridd Urban	...	...	...	37,550	579	15.42	14.80	472	12.57	13.58	14	24.18	12	20.73
Port Talbot and Glyncorrwg	Glyncorrwg Urban	...	...	...	9,900	205	20.71	20.30	104	10.51	15.03	7	34.15	5	24.39
	Port Talbot M.B.	...	...	...	48,380	1,002	20.71	19.67	527	10.89	14.37	38	37.92	27	26.95
South-East Glamorgan	Barry M.B.	...	...	...	42,160	745	17.67	16.96	440	10.44	11.48	21	28.19	13	17.45
	Cardiff Rural	...	...	...	40,830	678	16.61	16.94	472	11.56	10.64	16	23.6	13	19.17
	Cowbridge M.B.	...	...	...	1,000	11	11.00	11.44	14	14.00	14.56	—	—	—	—
	Cowbridge Rural	...	...	...	19,050	358	18.79	20.86	133	6.98	12.15	10	27.93	7	19.55
	Penarth Urban	...	...	...	19,280	307	15.92	15.76	247	12.81	11.66	7	22.80	6	19.54
West Glamorgan	Gower Rural	...	...	...	12,000	191	15.92	16.72	160	13.33	12.26	4	20.94	2	10.47
	Llchwyr Urban	...	...	...	25,740	319	12.39	12.64	290	11.27	13.19	8	25.08	6	18.81
	Pontardawe Rural	...	...	...	31,750	426	13.42	13.55	451	14.20	15.48	8	18.78	7	16.43
Rhondda	Rhondda M.B.	...	...	...	106,400	1,581	14.86	14.56	1,357	12.75	14.79	48	30.36	30	18.98

EXTRACTS FROM VITAL STATISTICS OF THE YEAR

Birth Rate per 1,000 Population (corrected)

Birth Rate for Cowbridge Rural Area ...	20.86
Birth Rate for England and Wales ...	16.4
Birth Rate for Administrative County of Glamorgan	16.32
Birth Rate for Rural Districts in Glamorgan	16.73

DEATH RATE PER 1,000 POPULATION (corrected)

Death Rate for Cowbridge Rural Area ...	12.15
Death Rate for England and Wales ...	11.7
Death Rate for Administrative County of Glamorgan	13.66
Death Rate for Rural Districts in Glamorgan	13.18

STILL BIRTHS

The 10 Still Births constitute a rate of per 1,000 total Births.	27.93
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DEATH RATE OF INFANTS UNDER ONE YEAR OF AGE

All infants per 1,000 births (10) ...	27.93
Legitimate infants per 1,000 legitimate live births (10)	27.93
Illegitimate infants per 1,000 illegitimate live births (nil)	Nil
Deaths from Measles (under 2 years) ...	Nil
Deaths from Whooping Cough (under 2 years)	Nil
Deaths from Diarrhoea (under 2 years)	Nil

Causes of Infant Deaths at Various Ages During 1958

Diseases	Weeks				Total first month	Months				Total
	1	2	3	4		1-3	3-6	6-9	9-12	
Prematurity	2	-	-	-	2	-	-	-	-	2
Acute Broncho Pneumonia	-	-	-	-	-	1	-	-	-	1
Cerebral Haemorrhage ...	1	-	-	-	1	-	-	-	-	1
Spina Bifida	1	-	-	-	1	1	-	-	-	2
Pneumonia	-	-	1	-	1	1	-	-	-	2
Cerebral Damage ...	1	-	-	-	1	-	-	-	-	1
Intracranial Haemorrhage ...	1	-	-	-	1	-	-	-	-	1
Totals	6	-	1	-	7	3	-	-	-	10

Births

The number of Births and the Birth Rates in the District and England and Wales for the past nineteen years is shewn in the following table: —

Year	Births	Birth Rate for Area	Birth Rate for England and Wales
1940	223	17.8	14.6
1941	223	17.6	14.2
1942	264	21.5	15.8
1943	275	22.5	16.5
1944	306	24.6	17.6
1945	266	21.7	16.1
1946	271	22.0	19.1
1947	367	28.0	20.5
1948	317	23.1	17.9
1949	315	22.8	16.7
1950	289	16.00	15.8
1951	303	15.26	15.5
1952	295	14.66	15.3
1953	323	15.51	15.5
1954	336	16.80	15.2
1955	313	16.32	15.0
1956	309	17.99	15.7
1957	360	20.69	16.1
1958	358	20.86	16.4

Death Rate

Year	Cowbridge R.D.	England and Wales
1940	11.9	14.3
1941	12.6	12.9
1942	13.0	11.6
1943	11.9	12.1
1944	10.3	11.6
1945	12.9	11.4
1946	10.7	11.5
1947	11.1	12.0
1948	10.0	10.8
1949	9.0	11.7
1950	7.59	11.6
1951	7.46	12.5
1952	6.96	11.3
1953	5.76	11.4
1954	6.85	11.3
1955	7.98	11.7
1956	12.75	11.7
1957	13.33	11.5
1958	12.15	11.7

Ages of Death in Cowbridge Rural Area

AGE GROUP	1951		1952		1953		1954		1955		1956		1957		1958	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 year	5	4	3	6	5	2	4	1	5	1	4	3	5	3	6	4
1-10 ...	—	3	1	1	1	2	3	—	2	2	1	1	4	2	1	—
11-20 ...	1	1	1	1	2	—	—	—	5	1	—	—	1	2	2	1
21-30 ...	5	3	2	—	3	2	2	—	2	—	3	1	1	1	1	—
31-40 ...	5	1	2	1	3	3	2	5	1	2	2	—	3	2	1	—
41-50 ...	7	4	3	1	6	6	6	6	6	5	4	—	11	6	5	8
51-60 ...	16	7	10	7	10	8	10	7	11	13	13	8	11	13	10	6
61-65 ...	9	3	8	6	8	2	9	12	9	12	12	5	10	8	8	6
66-70 ...	12	6	9	9	7	5	10	4	19	6	9	8	12	6	10	7
71-75 ...	11	2	15	10	6	4	11	10	10	7	10	5	13	9	13	7
76-80 ...	8	14	6	11	8	9	10	5	8	10	11	14	2	12	7	8
81-85 ...	8	6	9	9	6	5	9	4	11	10	7	11	7	5	4	12
86-90 ...	4	2	1	2	2	5	3	5	6	2	3	3	1	1	2	4
91-95 ...	—	1	3	2	1	1	2	—	1	1	—	1	2	—	—	2
96-100 ...	—	—	—	1	—	—	—	—	—	1	—	—	—	—	—	—
	91	57	73	67	68	52	81	56	96	57	79	62	83	65	73	60

Percentage of Deaths over 65 years of age	1951	...	50%
"	1952	"	62%
"	1953	"	49%
"	1954	"	53%
"	1955	"	60%
"	1956	"	58%
"	1957	"	50%
"	1958	"	57%

CAUSES OF DEATH—1958

The following table sets out in order details of the number of deaths under the various heads :—

Disease	Males	Females	Total
Tuberculosis, Respiratory	—	1	1
Tuberculosis, Other	—	—	—
Syphilitic Disease	—	—	—
Diphtheria	—	—	—
Whooping Cough	—	—	—
Meningococcal Infections	—	—	—
Acute Poliomyelitis	—	—	—
Measles	—	—	—
Other Infective and Parasitic Diseases ...	1	—	1
Malignant Neoplasm, Stomach	2	3	5
Malignant Neoplasm, Lung, Bronchus ...	8	1	9
Malignant Neoplasm, Breast	—	3	3
Malignant Neoplasm, Uterus	—	—	—
Other Malignant and Lymphatic Neoplasms	6	3	9
Leukaemia, Aleukaemia	1	—	1
Diabetes	—	—	—
Vascular Lesions of Nervous System ...	6	10	16
Coronary Disease, Angina	15	8	23
Hypertension with Heart Disease	1	1	2
Other Heart Disease	5	14	19
Other Circulatory Disease	2	2	4
Influenza	—	1	1
Pneumonia	3	1	4
Bronchitis	4	1	5
Other Diseases of Respiratory System ...	1	—	1
Ulcer of Stomach and Duodenum	—	—	—
Gastritis, Enteritis and Diarrhoea	1	—	1
Nephritis and Nephrosis	—	2	2
Hyperplasia of Prostate	1	—	1
Pregnancy, Childbirth, Abortion	—	—	—
Congenital Malformations	4	—	4
Other Defined and Ill-defined Diseases ...	7	8	15
Motor Vehicle Accidents	1	—	1
All Other Accidents	3	1	4
Suicide	1	—	1
Homicide and Operations of War	—	—	—
Total ...	73	60	133

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

Laboratory Facilities

Pathological specimens are examined at the Ministry of Health's Laboratory, The Parade, Cardiff. Chemical analysis is conducted by The Cardiff and County Public Health Laboratory at the same address.

Treatment Centres

<i>Disease</i>	<i>Clinic</i>
Tuberculosis	(a) Tuberculosis Dispensary, Old Cottage Hospital, Bridgend. (b) Tuberculosis Dispensary, Court House Street, Pontypridd. (c) Chest Clinic, 20, Cathedral Road, Cardiff.
Venereal Diseases ...	(a) Central Homes, Court House Street, Pontypridd. (b) Public Health Offices, Woodlands Road, Barry.

Hospitals

(a) GENERAL HOSPITALS

The majority of patients from this Area needing medical or surgical attention are admitted to: —

1. The Mid-Glamorgan County Hospital, Quarella Road, Bridgend.
2. R.A.F. Hospital, St. Athan.
3. Cardiff Royal Infirmary.
4. Llandough Hospital, Near Cardiff.
5. Sully Chest Hospital.
6. Children's Ear, Nose and Throat Hospital, Ely.

Admissions are however made to other Hospitals in the South Wales Region as and when the special need arises.

(b) ORTHOPAEDIC HOSPITALS

Orthopaedic cases may receive treatment at the Prince of Wales Hospital, The Parade, Cardiff. In-patients are treated at Crossways Hospital, Cowbridge (within this Area), and at Rhydlafer Hospital.

(c) INFECTIOUS CASES

Cases are usually admitted to the Isolation Hospital, Cefn Hirgoed, near Bridgend, but under the regionalisation of Hospitals, patients are occasionally admitted to Infectious Disease Hospitals in other localities.

There is a small Infectious Disease Hospital for service personnel at the Royal Air Force Station, St. Athan.

Ambulance Facilities

The Area Ambulance Services are administered from the Ambulance Control Station, Oak Street, Aberkenfig, the telephone number of which is Aberkenfig 303.

In addition to the vehicles at the Ambulance Control Station, one ambulance is stationed at the Ambulance Sub-Station, Town Hall, Cowbridge, and another at the Ambulance Sub-Station, Llanmaes Road, Llantwit Major.

Mortuary

I should like again to stress the need for a public mortuary in the Southern portion of the Area. At the present time bodies have to be removed to the mortuaries attached to hospitals including that at the Royal Air Force Station, St. Athan.

National Assistance Acts, 1948-1951

During the year the Council undertook the following burials: —

- (1) Unknown male child found drowned at The Leys, St. Athan.
- (2) A nine week old baby, whose mother was living apart from her husband, and was unable to undertake the cost of burial.

PREVALENCE AND CONTROL OVER INFECTIOUS DISEASES

During the year medical practitioners notified a total of 82 cases of notifiable diseases. This figure was very much less than for the previous year when there were 497, of which measles accounted for 319 cases.

Scarlet Fever. Five cases occurred and it was not necessary for any to be removed to hospital for isolation. The disease nowadays is of a much milder character than formerly.

Measles. This year there were only 52 cases notified.

Diphtheria. It is now many years since a case of diphtheria was notified, and this state of affairs has no doubt been brought about as a result of the immunisation which has been going on now for some years. In order that we should continue to remain free, it is essential for this immunisation to be continued with vigour.

The Divisional Medical Officer has supplied the figures for the following: —

Immunisation 1958

Under 5 years. 5-15 years. Booster Doses.

107 Nil 9

Vaccination against Smallpox. It is difficult to ascertain the exact number of children who have been vaccinated, but from cards submitted by medical practitioners the number appears to be 75.

Whooping Cough. Only 4 notifications were received whereas for the previous year there were 77. Nowadays nearly all local health authorities have obtained authority to make arrangements for immunisation against this disease. The figures for your district are: —

Under 5 years. 5-15 years. Booster Doses.

50 Nil Nil

Dysentery. This disease has become much more frequent in recent years, particularly the variety known as Sonné Dysentery. The mode of spread of this disease is usually personal contact, direct or indirect. It is essential that good hand washing should be carried out by all after the use of the toilet.

Food Poisoning. One case of salmonella typhimurium was notified from the Llanharan area. Isolation was effected at home and the young man responded to treatment fairly well.

Pneumonia. Seventeen cases were reported during the year, five of whom were admitted to hospital for treatment.

Acute Poliomyelitis. No cases were reported from this district during the year.

**INCIDENCE OF INFECTIOUS DISEASES IN THE
VARIOUS PARISHES DURING 1958**

PARISHES	Measles	Scarlet Fever	Pneumonia	Whooping Cough	Salmonella Typhimurium	Sonné Dysentery
St. Andrews Minor ...	—	—	—	—	—	—
St. Athan ...	9	—	10	1	—	—
Colwinstone ...	—	—	—	—	—	—
St. Donats ...	—	—	—	—	—	—
Eglwysbrewis ...	—	—	—	—	—	—
Flemingstone ...	—	—	—	—	—	—
Gileston ...	—	—	—	—	—	—
St. Hilary ...	—	—	—	—	—	—
Llanblethian ...	5	1	—	—	—	—
Llandow ...	—	—	—	—	—	—
Llanfair ...	1	—	—	—	—	—
Llangan ...	1	—	—	—	—	—
Llanharan ...	5	—	—	—	1	3
Llanharry ...	8	—	7	2	—	—
Llanilid ...	—	—	—	—	—	—
Llanmaes ...	1	—	—	—	—	—
Llanmihangel ...	—	—	—	—	—	—
Llansannor ...	—	—	—	—	—	—
Llantwit Major ...	22	3	—	—	—	—
Llysworney ...	—	—	—	—	—	—
Marcross ...	—	—	—	—	—	—
St. Mary Hill ...	—	—	—	—	—	—
Monknash ...	—	1	—	—	—	—
Nash ...	—	—	—	—	—	—
Penllyne ...	—	—	—	1	—	—
Peterstone-s-Monten ...	—	—	—	—	—	—
Stembridge ...	—	—	—	—	—	—
Ystradowen ...	—	—	—	—	—	—
TOTALS ...	52	5	17	4	1	3
Admission to Hospital ...	2	—	5	—	—	—

Examination of Pathological Specimens, 1958

Specimen for	Positive	Negative	Total
Salmonella typhimurium	3	3	6
Dysentery and enteric	4	26	30
Pus for organisms	2	—	2
Urine for Sugar and Albumin ...	—	1	1
Urine for organisms	1	—	1
Sputum for organisms	—	1	1
TOTALS	10	31	41

TUBERCULOSIS

New Cases and Mortality during 1958

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
Years	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 ...								
1—5 ...								
5—15 ...								
15—25 ...		1						
25—35 ...								
35—45 ...	1							
45—55 ...	1							
55—65 ...				1				
65 and over						1		
TOTALS	2	1	—	1	—	1	—	—

NOTE.—The female who died from pulmonary tuberculosis had not been notified as a case and therefore was not registered.

DETAILS OF CASES ON REGISTER 1958

	Respiratory		Non-Respiratory		Total
	M.	F.	M.	F.	
Cases on Register at commencement of year	51	47	12	17	127
Cases on Register at end of year	51	49	11	17	128

Tuberculosis

During the year the names of 10 persons were added to the Register of Tuberculosis cases. Of these 4 originated in the Council's district and there were 6 who moved into the district having contracted the disease elsewhere.

We were informed that 9 names could be removed from the Register, 8 because they had recovered and 1 because it had moved out of the area. One death from the disease occurred during the year. This case had not been registered.

The living conditions of all cases are kept in mind and from time to time reports are made to the Health Committee when any case is thought to be in need of special consideration, particularly as regards housing conditions.

The table is given showing a summary of the housing fitness which these notified cases occupy.

It appears that 7 patients received treatment in sanatoria during the year. It has been the practice for some years now, to attend to the disinfection of bedding and clothing of persons who are removed to hospitals or wherever it is considered desirable. Arrangements for this to be done were made with the Regional Hospital Board and Cefn Hirgoed Isolation Hospital.

A close contact is maintained between the Health Department and Chest Physicians, and the staff of the Local Health Authority in all matters relating to Tuberculosis and environmental conditions.

**Statement of the Standard of Fitness of Dwellings Occupied by
Tuberculosis Patients**

Category of Houses	Pulmonary							Non-Pulmonary						
	1952	1953	1954	1955	1956	1957	1958	1952	1953	1954	1955	1956	1957	1958
1. Satisfactory ...	52	50	65	67	72	67	70	17	18	24	24	28	21	20
2. Needing Minor Repairs ...	18	19	24	26	25	27	26	2	4	2	4	4	6	7
3. Requiring Structural Alteration	12	10	3	3	3	3	3	2	2	3	2	2	2	1
4. Suitable for Reconditioning ...	1	1	—	—	—	—	—	2	2	1	1	—	—	—
5. Requiring Demolition ...	1	1	—	—	—	1	1	—	—	1	1	—	—	—
TOTALS ...	84	81	92	96	100	98	100	23	26	31	32	34	29	28

The above categories are those adopted for the Rural Housing Survey.

**Statement Showing Number of Cases of Tuberculosis in the Various
Parishes at 31st December, 1958**

PARISH	MALES		FEMALES		TOTAL
	<i>Pulmonary</i>	<i>Non- Pulmonary</i>	<i>Pulmonary</i>	<i>Non- Pulmonary</i>	
St. Andrews Minor	—	—	—	—	—
St. Athan ...	3	1	8	1	13
Colwinstone ...	—	—	—	—	—
St. Donats ...	1	—	—	—	1
Eglwysbrewis ...	—	—	—	—	—
Flemingstone ...	—	—	—	2	2
Gileston ...	—	—	—	—	—
St. Hilary ...	—	—	—	1	1
Llanblethian ...	3	—	4	—	7
Llandow ...	—	—	—	—	—
Llanfair ...	—	—	1	1	2
Llangan ...	2	—	2	—	4
Llanharan ...	16	4	10	3	33
Llanharry ...	8	—	7	1	16
Llanilid ...	—	—	—	—	—
Llanmaes ...	1	—	2	—	3
Llanmihangel ...	—	—	1	—	1
Llansannor ...	—	1	—	—	1
Llantwit Major ...	5	2	6	5	18
Llysworney ...	—	—	—	—	—
Marcross ...	—	—	2	—	2
St. Mary Hill ...	1	—	1	1	3
Monknash ...	2	—	—	—	2
Nash ...	—	—	—	—	—
Penllyne ...	—	1	1	1	3
Peterstone-s-Montem	8	2	4	1	15
Stembridge ...	—	—	—	—	—
Ystradowen ...	1	—	—	—	1
TOTALS ...	51	11	49	17	128

Table showing the Proportion of Cases on the Register and Annual Deaths in Relation to the Population

Year	Population of District	Cases of Tuberculosis on Register		Deaths	
		Number	Ratio to Population	Number	Ratio to Population
1936 ...	10,290	57	1/187	7	1/1470
1939 ...	13,840	42	1/329	5	1/2768
1940 ...	12,540	52	1/241	3	1/4180
1941 ...	12,680	61	1/208	8	1/1585
1942 ...	12,260	70	1/175	13	1/943
1943 ...	12,230	72	1/169	8	1/1528
1944 ...	12,440	87	1/143	12	1/1037
1945 ...	12,270	90	1/136	3	1/4090
1946 ...	12,750	104	1/122	5	1/2550
1947 ...	13,110	115	1/114	8	1/1637
1948 ...	13,700	131	1/104	8	1/1712
1949 ...	13,820	117	1/118	9	1/1535
1950 ...	18,060	114	1/149	5	1/3612
1951 ...	19,850	111	1/179	3	1/6616
1952 ...	20,120	107	1/188	2	1/10060
1953 ...	20,830	107	1/194	2	1/10415
1954 ...	20,000	123	1/162	5	1/4000
1955 ...	19,180	128	1/149	3	1/6393
1956 ...	19,240	134	1/141	2	1/9,620
1957 ...	19,310	127	1/152	1	1/19,310
1958 ...	19,050	128	1/148	1	1/19,050

SUMMARY OF NON-PULMONARY CASES OF TUBERCULOSIS 1958

Location	Male	Female	Total
Peripheral Glands	3	2	5
Cervical Glands	3	5	8
Hilum Glands	—	2	2
Abdominal Glands	—	2	2
Shoulder Joint	1	—	1
Knee Joint	—	1	1
Nasal Septum	—	1	1
Spine	—	1	1
Kidney	—	2	2
Meninges	1	1	2
Inguinal Region	1	—	1
Skin	1	—	1
Eye	1	—	1
TOTALS	11	17	28

INCIDENCE OF RESPIRATORY TUBERCULOSIS OVER THE YEARS 1947-1958

Age Periods in Years	1947		1948		1949		1950		1951		1952		1953		1954		1955		1956		1957		1958	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 ...																								
1-5 ...											1	1												
5-15 ...	1								2	1	2			1	1		2		1	1	1			1
15-25 ...	4	4	3	2	2	3	3	2	1	2	3	4	1	1	2			1	4	2				
25-35 ...	4	2	1	1	1	2	4	5	3	2	4	2		3	2	2	1	1	4	1				
35-45 ...			1	1		1	1		1		1	2	2		1	1	1	1				1		
45-55 ...	1			1				1						1	1		4				2		1	
55-65 ...			2		1		1				1		3	1										
65 and over	2						1								1		1		2					
TOTALS ...	12	6	7	5	4	6	11	8	7	5	12	9	6	8	5	7	9	3	12	4	3	1	2	1

NOTE.—(a) The majority of cases above are in the age groups 15-35.

(b) The cases of 55 years of age and over are males.

(c) Total males = 90. Total females = 63.

INCIDENCE OF NON-RESPIRATORY TUBERCULOSIS OVER THE YEARS 1947-1958

Age Periods in Years	1947		1948		1949		1950		1951		1952		1953		1954		1955		1956		1957		1958	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 ...		1																						
1-5 ...	2			1		1				1	2	2		1		2								
5-15 ...	1	1		2		1		3	1	1	1		4		1	3			1	2				
15-22 ...												1			1	1			2		1			
25-35 ...							1									1	1		1					
35-45 ...														1										
45-55 ...		1																	1					
55-65 ...												1	1											1
65 and over	1																							
TOTALS ...	4	3	1	7	—	2	3	5	1	2	3	4	6	1	2	7	—	1	5	2	1	—	1	1

NOTE.—(a) The majority of cases above are in the age group 5-15.

(b) Total males - 23. Total females = 39.

B.C.G. Vaccinations 1958

The County Health Department staff have carried out the Mantoux Testing and B.C.G. Vaccinations and the following figures have been kindly supplied by them: —

Number of Children Mantoux Tested ...	Nil
Number of Children Positive ...	Nil
Number of Children Negative ...	Nil
Number of Children Vaccinated ...	Nil

(Schools to be revisited in 1959).

Comparison with other Diseases 1958

From the figures supplied for deaths from specific diseases by the Registrar General, it shows that whilst there was one death from Tuberculosis there were: —

44 deaths from heart diseases.

9 deaths from pneumonia and bronchitis.

27 deaths from cancer.

16 deaths from vascular lesions of the nervous system.

SANITARY SECTION.

Section C.—Sanitary Circumstances of the Area.

Rainfall Records for 1958.

Month	St. Athan	M.G.W.B. Pwllwy	Tair Onen Nurseries	Plasnewydd Pentre- meyrick	Llanharan
January ...	2.52	4.20	4.14	3.72	4.59
February ...	2.70	5.27	4.67	4.77	5.88
March ...	.75	.88	.75	.83	1.01
April ...	.75	.80	.63	.83	1.04
May ...	3.27	4.08	5.34	3.86	4.28
June ...	3.62	4.38	3.45	4.35	4.44
July ...	2.98	3.78	4.70	3.68	5.17
August ...	3.77	6.98	5.05	5.57	6.74
September ...	5.74	7.95	8.33	7.39	8.65
October ...	4.27	6.61	6.15	6.03	8.08
November ...	4.21	5.25	4.39	5.35	5.08
December ...	4.12	4.69	4.43	4.85	5.55
TOTALS ...	38.70	54.87	52.03	51.23	60.51

The Rainfall Readings at Plasnewydd were kindly supplied by Mr. F. E. Dunn, those at Pwllwy by the Mid-Glamorgan Water Board and the readings at Tair Onen by Mr. M. McNulty of the Forestry Commission.

Rainfall for 1958 (Llanharan Station) ...	60.51 ins.
Rainfall for 1958 (St. Athan Station) ...	38.70 ins.
Number of days with 0.1 inches or more (Llanharan)	213
Number of days with 0.1 inches or more (St. Athan)	180
Average rainfall for last 5 years (Llanharan)	54.07 ins.
Average rainfall for last 5 years (St. Athan)	36.22 ins.

WATER.

The supply of mains water under pressure is a constant one undertaken by the Mid-Glamorgan Water Board. All mains in the area are interconnected to give a balanced supply and in this way all water sources are mixed to some degree. The major part of the supply comes from protected springs in this and adjoining districts, giving hard water, but a small supplementary supply distributed from Mynydd Y Gaer to the two northern parishes is much softer in character. There is no evidence of plumbo solvent action.

Observations.

(a) Mains Supplies.

Unsatisfactory samples of mains supplies were taken at five points in the area during the year, but in each case the standard was just below that required. Each time, the Water Board's Engineer was informed, and special flushing of the mains carried out. The ensuing check samples were satisfactory.

(b) Private Supplies.

In summer months when the volume of flow falls the small private supplies in the Llanharan Hill area tend to lower in quality. The August samples of 1958 again fell below the required standard for untreated rural water supplies, at Seymour Avenue and Graig Melyn. Occupiers were specially warned to boil it before drinking or use for domestic food purposes. The main contamination was non-faecal in character and this is probably due to large amounts of decaying vegetable matter that cover the gathering grounds and sources of these springs.

Special samples were taken at a spring and rainwater tank at Brynsych and Morfa Farms in order to assist in finding satisfactory supplies in the absence of public mains to serve the farms.

(c) Public Wells and Springs.

The Llysworney Well, Stallingdown Spring and the two Wells at Penllyne all gave intermittent unsatisfactory samples during the year. Metal notice boards are fixed in prominent positions at these supplies to warn passers-by of possible danger from consuming the water in a raw state. Householders in the neighbourhood of each source have also been warned in person.

(d) **Swimming Baths.**

Private swimming baths are provided at St. Donats Castle, Miners' Welfare Camp, St. Athan and Hafod Camp, Boverton. No action was necessary in respect of these baths during the year.

Samples of Water for Chemical Examination.

The following samples of water were taken for chemical examination during the year.

<i>Source</i>	<i>Date</i>	<i>Result</i>
St. Athan Village ...	20/3/58	Satisfactory
Trebettyn, Llansannor ...	20/3/58	Satisfactory

PROVISION OF WATER SERVICES IN THE PARISHES OF THE AREA

PARISH	No. of Dwelling Houses	No. of Houses on Mains Supply	No. Dependent on Wells, Springs, etc.	Mains Supply Sufficiency of Pressure	Chlorinated	Name of Suppliers	Remarks on Distribution
St. Andrews Minor	2	2	—	Satisfactory	Yes	M.G. Water Board	M.-G.W.B. Mains
St. Athan ...	288	284	4	do.	Yes	do.	do.
Colwinstone ...	68	61	7	do.	Yes	do.	do.
St. Donats ...	27	26	1	do.	Yes	do.	do.
Eglwysbrewis ...	13	13	—	do.	Yes	do.	do.
Flemingstone ...	27	26	1	do.	Yes	do.	do.
Gileston ...	21	20	1	do.	Yes	do.	do.
St. Hilary ...	45	45	—	do.	Yes	do.	do.
Llanblethian ...	344	331	13	do.	Yes	Major M.-G.W.B. Minor Cardiff R.D.	Maj. portion MGWB Minor portion Cardiff R.D. Mains M.G.W.B. Mains
Llandow ...	65	65	—	do.	Yes	M.-G.W.B.	do.
Llanfair ...	50	46	4	do.	Yes	do.	do.
Llangan ...	82	82	—	do.	Yes	do.	do.
Llanharan ...	649	605	44	do.	Yes	Major M.G.W.B. and Minor Llantrisant R.D.	Major portion M.G.W.B. Minor portion Llantrisant R.D. Mains
Llanharry ...	450	442	8	do.	Yes	M.G.W.B.	M.G.W.B. Mains
Llanlilid ...	26	20	6	do.	Yes	do.	do.
Llanmaes ...	52	52	—	do.	Yes	do.	do.
Llanmihangel ...	10	8	2	do.	Yes	do.	do.
Llansannor ...	39	37	2	do.	Yes	do.	do.
Llantwit Major ...	872	863	9	do.	Yes	do.	do.
Llyswoorney ...	44	41	3	do.	Yes	do.	do.
Marcross ...	33	31	2	do.	Yes	do.	do.
St. Mary Hill ...	49	44	5	do.	Yes	do.	do.
Monknash ...	17	17	—	do.	Yes	do.	do.
Nash ...	3	2	1	do.	Yes	do.	do.
Penllyne ...	76	71	5	do.	Yes	do.	do.
Peterstone-s-Mont.	495	469	26	do.	Yes	do.	do.
Stembridge ...	1	1	—	do.	Part only	do.	do.
Ystradowen ...	74	64	10	do.	Yes	do.	do.
TOTALS	3,922	3,768	154	Proportion of Properties on Mains Water Supply = 96.1 %			

BACTERIOLOGICAL EXAMINATION OF WATER, 1958

SOURCE	1st QUARTER		2nd QUARTER		3rd QUARTER		4th QUARTER	
	DATE	RESULT	DATE	RESULT	DATE	RESULT	DATE	RESULT
A. PUBLIC MAINS								
Llandow	28/1/58	Satisfactory	11/6/58	Satisfactory	9/9/58	Satisfactory	2/12/58	Satisfactory
Trebetty, Llanannor	20/3/58	Satisfactory	16/6/58	Satisfactory	11/9/58	Satisfactory	—	—
Llanblethian Village ...	28/1/58	Satisfactory	11/6/58	Satisfactory	9/9/58	Satisfactory	2/12/58	Satisfactory
Llanblethian H'sing Site	—	—	11/6/58	Satisfactory	9/9/58	Satisfactory	2/12/58	Satisfactory
Maendy Village... ..	13/3/58	Satisfactory	11/6/58	Unsatisfactory	9/9/58	Satisfactory	8/12/58	Satisfactory
			16/6/58	Satisfac. (c)				
Rose Terrace, Llanharan	13/3/58	Satisfactory	16/6/58	Satisfactory	11/9/58	Satisfactory	8/12/58	Satisfactory
Brynna Village	13/3/58	Satisfactory	16/6/58	Satisfactory	11/9/58	Unsatisfactory	8/12/58	Unsatisfactory
Inysmardy	13/3/58	Satisfactory	30/6/58	Satisfactory	23/9/58	Unsatisfactory	16/12/58	Satisfactory
Pembroke St.,								
Thomastown	13/3/58	Satisfactory	30/6/58	Satisfactory	23/9/58	Unsatisfactory	16/12/58	Satisfactory
Llanannor Village ...	20/3/58	Satisfactory	16/6/58	Unsatisfactory	11/9/58	Satisfactory	16/12/58	Satisfactory
			30/6/58	Satisfac. (c)				
Llantwit Major	20/3/58	Satisfactory	—	—	23/9/58	Satisfactory	16/12/58	Satisfactory
The Square, Llanharan	13/3/58	Satisfactory	30/6/58	Satisfactory	11/9/58	Satisfactory	8/12/58	Satisfactory
Colwinstone	—	—	30/6/58	Satisfactory	9/9/58	Satisfactory	—	—
St. Athan	20/3/58	Satisfactory	30/6/58	Satisfactory	23/9/58	Satisfactory	16/12/58	Satisfactory
Treoes	—	—	—	—	—	—	2/12/58	Satisfactory
Llanharry	20/3/58	Satisfactory	16/6/58	Unsatisfactory	11/9/58	Satisfactory	16/12/58	Satisfactory
			30/6/58	Satisfac. (c)				
B. PRIVATE SUPPLIES								
Seymour Ave., Llanharan	20/3/58	Satisfactory	30/6/58	Satisfactory	23/9/58	Unsatisfactory	8/12/58	Satisfactory
					2/10/58	Unsatisfac. (c)		
Park Gate, Lodge, ..	13/3/58	Satisfactory	16/6/58	Satisfactory	11/9/58	Satisfactory	8/12/58	Satisfactory
Graig Melyn, Llanharan	13/3/58	Satisfactory	16/6/58	Satisfactory	11/9/58	Unsatisfactory	8/12/58	Satisfactory
C. PUBLIC WELLS AND SPRINGS.								
Penllyne Inner Well ...	28/1/58	Unsatisfactory	11/6/58	Satisfactory	9/9/58	Unsatisfactory	2/12/58	Unsatisfactory
Penllyne Outer Well ...	28/1/58	Satisfactory	11/6/58	Satisfactory	9/9/58	Satisfactory	2/12/58	Unsatisfactory
Liysworney Well	28/1/58	Unsatisfactory	11/6/58	Unsatisfactory	9/9/58	Unsatisfactory	2/12/58	Unsatisfactory
Stallingdown Spring,								
Aberthin	28/1/58	Satisfactory	11/6/58	Satisfactory	9/9/58	Satisfactory	2/12/58	Unsatisfactory
Llanquian Road Pump,								
Aberthin	28/1/58	Satisfactory	11/6/58	Satisfactory	9/9/58	Satisfactory	2/12/58	Satisfactory
Well at Brynsych Farm,								
Llantwit Major	—	—	—	—	—	—	14/10/58	Unsatisfactory
Morfa Farm, Llantwit								
Major (stored rain-								
water)	—	—	—	—	—	—	14/10/58	Unsatisfactory



HOUSING

Coal Mining (Subsidence) Act, 1950.

The National Coal Board employ a staff of tradesmen who are constantly engaged upon renewing ceilings, adjusting doors, windows, etc., of the houses in the Llanharan area which are affected by mining subsidence.

Council Houses built in Cowbridge Rural District

(Details supplied by Mr. W. R. Hawkins, Surveyor)

	2 BR/NP	2 BR/P	3 BR/NP	3 BR/P	4 BR/NP	4 BR/P	Airey	Total
Prior to 1945	—	—	280	288	—	6	—	574
From 1945-52	—	—	14	252	—	7	108	381
During 1953	23	—	28	164	—	25	—	250
During 1954	16	—	14	113	—	32	108	133
During 1955	—	13	—	44	—	—	—	57
During 1956	—	—	—	20	—	—	—	20
During 1957	—	—	4	30	—	—	—	34
During 1958	—	—	4	10	—	—	—	14

A summary of the housing progress made during 1958 is given below:—

	Permanent Houses by Council	Private Enterprise	Total
Houses completed and occupied	14	39	53
Partly completed	—	18	18

Housing Act, 1957

	<i>Number of Houses Persons Displaced</i>	
(a) Houses demolished as a result of formal or informal procedure	1	4
(b) Houses closed in pursuance of an undertaking by owner and still in force	7	21
(c) Parts of buildings closed S.3(1) ...	Nil	Nil
(d) Demolition Orders determined and Closing Orders substituted under S.3(11)	Nil	Nil

Housing Act, 1957.

Official action for demolition or closure was taken during the year in respect of the following:—

1. Berkley Bungalow, Colhugh Street, Llantwit Major (3 persons).
2. Lea Chalet, Llantwit Major (4 persons).
3. Hillside, Llanblethian (2 persons).
4. Rose Cottage, Aberthin (5 persons).
5. Brynna Mill, Brynna (2 persons).
6. Charity Cottage, Llanblethian (1 person).

The occupiers of the following individual houses were rehoused by the Council or they otherwise became vacant during 1958:—

1. Elmore Cottage, St. Athan (4 persons).
2. Bell View, St. Athan (1 person).
3. West Orchard Cottage, St. Athan (2 persons).
4. Brynna Mill, Brynna (2 persons).
5. Blackthorn Cottage, Llanharry (4 persons).
6. Ivy Cottage, West Street, Llantwit Major (3 persons).
7. Lea Chalet, Llantwit Major (4 persons) (also demolished).
8. Rose Cottage, Aberthin (5 persons).

Occupation of Military Camps.

(a) **Boverton Close.**—There were no occupied hutments on this site at the end of December, 1958.

(b) **Leechmoor Close, Llandow (formerly hutments at Llandow Aerodrome).**—Fifteen families were housed on this site at the end of December, 1958.

(c) **St. Donats Close.**—Four families were housed on this site at the end of December, 1958.

(d) **Marcross Close.**—The remaining families at Marcross Close were temporarily housed at Leechmoor Close in order that the site could be cleared for the erection of permanent houses which these families will occupy upon their completion. Work was well in hand at the end of the year.

Schedule of Unfit Houses which became vacant during the year (by rehousing by the Council and otherwise), and Summary of Cases dealt with during the period January, 1945-December, 1957. Scheduled unfit houses still occupied are shown in the last column.

No.	PARISH	(a) Re- housed from Jan., 1945- Dec., 1957	(b) Rehoused 1958	TOTAL of (a) and (b)	Scheduled houses still occupied
1	St. Andrews Minor	—	—	—	—
2	St. Athan ...	9	3	12	—
3	Colwinstone	4	—	4	—
4	St. Donats ...	1	—	1	—
5	Eglwysbrewis	—	—	—	—
6	Flemingstone	—	—	—	—
7	Gileston ...	6	—	6	—
8	St. Hilary ...	8	—	8	—
9	Llanblethian	11	1	12	2
10	Llandow ...	—	—	—	—
11	Llanfair ...	2	—	2	—
12	Llangan ...	6	—	6	1
13	Llanharan ...	4	—	4	1
14	Llanharry ...	16	1	17	2
15	Llanilid ...	—	—	—	—
16	Llanmaes ...	—	—	—	—
17	Llanmihangel	—	—	—	2
18	Llansannor	10	—	10	—
19	Llantwit Major	14	2	16	10
20	Llysworney	1	—	1	—
21	Marcross ...	—	—	—	—
22	St. Mary Hill	5	—	5	—
23	Monknash ...	—	—	—	—
24	Nash ...	—	—	—	—
25	Penllyn ...	4	—	4	1
26	Peterstone-s-Mont.	32	1	33	1
27	Stembridge ...	—	—	—	—
28	Ystradowen ...	11	—	11	—
	TOTALS ...	144	8	152	20

These figures exclude Council hutments.

(e) **Highfield Close.**—Four families were housed on this site at the end of December, 1958.

Rent Act, 1957.

During the year eight applications were received for Certificates of Disrepair. In four cases the owners gave written undertakings to carry out the work required within the statutory period of six months. Six Certificates of Disrepair were issued, two of these being in connection with applications made during 1957. Two applications by landlords for the cancellation of Certificates were submitted to the Council.

It is noted from general inspections made throughout the area that a fair amount of work has been carried out as a result of action taken by tenants under the Act. In the first place, the tenant has to serve notice on the landlord for repairs to be carried out, and from the small number of applications for Certificates of Disrepair received, most tenants must have been successful in having works executed.

Slum Clearance Programme.

The slum clearance programme, which had been held in abeyance following the Council's restriction on capital expenditure, was re-considered in July, when the Public Health Inspector and the Surveyor presented a joint report on the subject. The report disclosed that in July 1955 there were 137 houses provisionally classified for demolition, including 59 hutments. Since that date 38 private houses have been dealt with by official or unofficial action and 32 hutments demolished.

Of the 39 houses now listed for replacement, 29 were of an urgent nature, the balance being made up of houses occupied by elderly people living alone in their own cottages, and other special cases of a less urgent character.

The Council resolved to replace the 29 buildings referred to above by the erection of 10 houses at Llanharry, 12 at Llantwit Major and 7 at Aberthin.

PUBLIC CLEANSING

(a) Refuse Collection.

The collection of refuse is carried out under the direction of the Public Health Inspector. With the exception of a few isolated farms collections are made throughout the whole area.

A weekly kerbside collection is made at St. Athan, Gileston, Boverton, Llantwit Major, St. Donats, Marcross, Monkash, Llandow, Llysworney, Nash, Colwinstone, Sigginstone, Llanmaes, Eglwysbrewis, Flemingstone, St Mary Church, Llandough, St. Hilary, Llanblethian, Penllyne, St. Mary Hill, Llangan, Treoes, Llansannor, Aberthin, Penylan, Trerhyngell, Newton, Maendy, Ystradowen and Llanilid.

Twice weekly kerbside collections are made in the mining areas of Llanharry, Llanharan, Brynna, Bryncae, Ynysmardy and Pembroke Terrace.

During the year an additional collection of refuse from business premises at Llantwit Major was commenced.

The Royal Air Force Station at St. Athan has special collections in view of the particular needs of the service department. One vehicle is garaged here and most of its time is spent on aerodrome collections.

A weekly collection is carried out at Cowbridge Town, who pay the cost of this service.

Llandow R.A.F. Station is now closed and collections are limited to a few points only.

(b) Refuse Bins.

The District Council have operated a refuse bin provision scheme since 1950. During this period, in addition to bins purchased privately by householders, some 2,296 bins have been issued on hire or sale.

Householders throughout the area can purchase bins at approximately cost price. Householders may also rent bins from the Council at an annual cost of 5s. 0d.

All Council house tenants are provided with refuse bins and 1d. per week for this service is recovered with the rent.

Almost all the refuse bins provided in the Llanharan area in 1950 are still in use and will give several more years service before needing replacement.

The position at the end of December 1958 was as follows:-

Council houses provided with bins	...	1,389
Bins on hire (at Llanharan, Brynna, Llantwit Major, Boverton, St. Athan, Llanblethian and Llanharry)	... ..	317
Bins purchased from the Council	... ..	590
		<hr/>
		2,296
		<hr/>

(Note—Total number of Dwellings=3,922).

Vehicles and Staff.

The cleansing staff consists of:—

(1) Loaders/Drivers	...	...	4
(2) Loaders	...	...	7
(3) Tip Men	...	...	1

The cleansing vehicles are:—

Description of Vehicle	Year of Manufacture	Mileage during 1958	Total Mileage of Vehicle to 31st December, 1958
(1) 10 cube yard "Chelsea" S. & D. Freighter HTX 708	1949	10,889	101,484
(2) 10 cube yard interchangeable "Chelsea" Freighter Cesspool Emptier JNY 338	1949	10,753	83,684
(3) 10 cube yard "Chelsea" S. & D. Freighter JTX 803	1950	10,121	87,358
(4) 1,100 gallon S. & D. Cesspool Emptier LTG 295 ...	1951	10,113	54,134
			<hr/>
Total mileage to 31st December, 1958			326,660
			<hr/>
(5) One Aveling Barford Calf Dozer	...	...	...
	1948		

Refuse Disposal.

Disposal of refuse in the area is centred on two sites:—

(a) **Northern Area.**—A site consisting of $13\frac{1}{2}$ acres situated on the Llanharry Road, Llanharan, deals with refuse collected in Llanharan, Brynna and Llanharry together with some of the villages north of Cowbridge Town. Sufficient tipping space is available here for many years.

(b) **Southern Area.**—The refuse disposal site near Gigman Mill consists of 8.2 acres of low lying land rented from a local farmer. The turf is stripped from the site and stored for part covering on completion. Disposal on this site consists of one layer approximately 3 feet to 4 feet deep over the whole area, followed by top soil and seeding. The site is conveniently placed for disposal of refuse from the southern part of the area.

A calf dozer is used on this site.

The previous site at Llanmihangel is being cleaned down and covered with earth, when available.

Difficulty is experienced in obtaining a sufficient quantity of top soil, so necessary for the proper disposal of refuse by the controlled tipping method.

The amount of refuse collected in the area during 1958 compared with the previous year is as follows:—

		1957	1958
Lorry No. 1 ...	...	954 Loads	991 Loads
Lorry No. 2 ...	...	693 Loads	791 Loads
Lorry No. 3 ...	...	760 Loads	889 Loads
		<hr/>	<hr/>
		2,407 Loads	2,671 Loads

Cesspool Emptying.

The Council have a 1,100 gallon vacuum cesspool emptier employed full time on cesspool emptying, and in addition, an interchangeable unit is brought into use when required.

The demand for this service increased considerably during the year and the number of cesspools emptied was over 600 more than the previous year. The Council's policy of providing groups of rural houses with communal cesspools and also the conversion of earth closets into water closets at some of the rural sites, has added considerably to the demand for this service.

The extremely wet conditions during the latter part of 1958 and to a lesser extent housing development at Llanmaes Road, Llantwit Major has also added to the demand for this service.

The emptier is also made available to neighbouring local authorities who pay the whole of the cost of the work involved.

The cesspool emptier is used to desludge the sewage disposal plants at Llanharan, Ynysmardy, Ystradowen, Treoes and Marcross, and it is also periodically employed in flushing dead lengths of sewer when the necessity arises.

When the scheme was first introduced in 1949 the proposal was to discharge the contents of the cesspools into the nearest manhole on the public sewer. This procedure has, over the years, led to complaints from occupiers of adjoining houses, and also the sudden flow of sewage into disposal plants tends to upset the purification process. In the southern part of the area use is made of the sewers with sea outfalls which obviate some of the latter difficulties.

During 1959 the Council will have to give some consideration to the provision of an additional machine for cesspool emptying.

It is hoped that the Authority will, in due course, consider the question of providing sewerage disposal plants for some of the larger housing sites and villages.

A table indicating the work of cesspool emptying since the scheme was commenced in 1949 is set out below:—

Cesspool emptying ...	1949 ...	204
	1950 ...	405
	1951 ...	577
	1952 ...	830
	1953 ...	1,308
	1954 ...	1,882
	1955 ...	2,151
	1956 ...	1,537
	1957 ...	1,952
	1958 ...	2,532

The income from cesspool emptying (in excess of free services) amounted to £353 3s. 2d.

Litter Bins.

The Litter Act, which came into force on the 7th August, 1958, makes an offence the unauthorised leaving of litter when it is thrown down, dropped or deposited in any place in the open, or to which the public are entitled or permitted to have access without payment. The offence is liable to a fine not exceeding £10.

Private individuals, the police or the local authorities, including parish councils, can institute proceedings for an offence under the Act.

Litter bins are provided in the more populated parts of the rural area on sites adjoining bus stops, etc. Unfortunately, most of the original bins have been seriously damaged by children.

The Council provide bins at the Llantwit Major Beach and this has resulted in a distinct improvement in the litter problem at this resort.

The Council provided numerous litter bins throughout the whole of the British Empire Games Village at St. Athan, and these were much used by the visitors, and during the whole of the period of the Games the Village was free from litter.

Public Conveniences.

Public sanitary conveniences are provided in the following areas:—

St. Athan	...	...	W.C's for Males and Females and Male Urinal.
Llantwit Major Town			W.C's for Males and Females and Male Urinal.
Llantwit Major Beach			W.C's for Males and Females and Male Urinal.
Llanharry	...	...	Urinal only.
Llanharan	...	...	W.C's for Males and Females and Male Urinal.
Brynna	...	...	Urinal only.

All the conveniences are maintained by part-time caretakers with the exception of the Llantwit Major Beach where a female caretaker is employed at weekends and on two half days each week between Easter and Whitsun, and full time for the remainder of the summer period.

The caretakers and conveniences are under the supervision of the Public Health Inspector.

Considerable damage is carried out each year to the public conveniences, particularly to the coin locks, and several cases were reported to the police.

The District Council decided to provide additional public conveniences in the Dolau area of Llanharan.

A new public convenience is urgently needed at Llanharry where the present one is totally unsuitable.

Camping Sites.

(a) Annual Licences for Land.

The following three camping sites in the southern portion of the area were licenced for all the year caravan occupation during the year 1958:—

1. Castleton Farm Field, St. Athan.
2. Ham Manor, Llantwit Major.
3. Millands Farm Field, Llanmaes.

(b) Seasonal Licences for Land.

Four sites were licenced for summer occupation only. The period of operation was limited in each case to the days between 1st April, 1958 and 30th September, 1958.

1. Land near Marcross Lighthouse.
2. Lower House Farm, Llantwit Major.
3. Part of Colhugh Meadow, Llantwit Major.
4. Flush House Field, Llantwit Major.

The main conditions imposed with the licences were as follows:—

1. The classes of dwellings permitted on the site to be limited to tents or mobile caravans and for the purpose of a licence the expression "mobile caravans" means trailer caravans specially designed and constructed for towing by private cars. The use of improvised vehicles is expressly prohibited.
2. That a distance of fifteen feet between tents or caravans and a minimum distance of forty feet between rows of tents or caravans be maintained. No caravans or tents to be closer than twenty feet to the boundary of the site, and the density not to exceed twenty-five caravans to the acre.
3. A sufficient supply of wholesome water for the use of the occupants of every hut or caravan to be provided at a maximum distance from any caravan not exceeding one hundred yards.
4. Each caravan to be provided with an approved sanitary convenience to be maintained at all times in a sanitary condition. Closets for tents to be provided in the ratio of one for each sex to each ten tents. Liquid sewage matter must not be discharged into the ground.

5. Waste water gullies to be provided at convenient points on the site and so arranged that the maximum distance from any caravan or tent is not in excess of one hundred yards.
6. Adequate ablution arrangements to be made adjoining the sanitary conveniences and arrangements for the disposal of waste water to be made in accordance with the specific requirements of the Council.
7. Where the conservancy system of closets is employed, the contents are to be collected by the site operator in a sanitary manner, and disposed of by burying in the ground, in lime, at least two hundred yards from the camping site and fifty yards from any water course.
8. Each caravan or tent to be provided with an approved pattern dust bin for refuse, and these are to be placed in a convenient position by the operator for emptying by the Council's lorry each week.
9. Holes not to be made on the camping site for any purpose whatsoever without prior consent from the Council.
10. Notice to be given immediately to the Medical Officer of Health at the District Council Offices, of any case or suspected case of infectious disease, and the owner of the site and the occupier of the movable dwellings to comply with the instructions of the Medical Officer of Health necessary to secure the isolation and treatment of the patient and to prevent the spread of infection.
11. **Paraffin or Petrol** should not be stored or kept inside the caravan. **Calor Gas** or similar pressurised gas fuel containers should not be kept inside vans unless specially ventilated compartments are provided. Rubber connecting tubing for gas should not be used inside vans.

Heating—Where vans are being used as permanent or prolonged dwellings the location and fitting of solid fuel stoves should be subject to inspection and approval.

Adequate fire-fighting appliances to be maintained by the site operator in accessible positions, to the approval of the Council.

12. That plans of any semi-permanent erections proposed be submitted to the Council for consideration under the Cowbridge Rural District Building Bye-Laws.

(c) Licences for Individual Caravan Dwellings.

Individual licences were granted for the following caravan dwellings with fixed expiry or renewal dates:—

1. Pantwilkin Farm, Aberthin (K. Rose).
2. Court Farm, Flemingstone (T. Price).
3. The Croft, Aberthin (B. Morgan).
4. Froglands Farm, Llantwit Major (E. Hookins).
5. Bwlchgwyn, Ystradowen (J. Phillips).
6. Penybryn, Crossways (Miss E. Lawrence).
7. Trebettyn Farm, Llansannor (C. Phillips).
8. No. 15 C.E.S. Depot, Nr. Pontyclun (M. Mutter).
9. Tudor House, Ystradowen (B. Williams).
10. Leys Road, Gileston (D. T. Beresford).
11. Cowbridge Road, Llantwit Major (J. Jenkins).
12. Cowbridge Road, Llantwit Major
(Mrs. C. E. Thomas).

Scavenging of Streets and Highways.

The scavenging of streets in the area is carried out by a mechanical road sweeper and manual labour employed by the Glamorgan County Council.

The District Council employs a part-time labourer for the sweeping of the Llantwit Major streets on Sundays

The private streets of Council houses not yet taken over by the County Council are cleansed by the District Council.

Drainage and Sewerage.

New Schemes.

(a) St Athan and Gileston No. 3 Scheme (Sea Outfall and the Sewerage of Gileston Village).

This scheme provides for the drainage of some 25 houses in the parishes of Gileston and St. Athan, together with a permanent sea outfall for the existing drainage of St. Athan, including a large portion of the Royal Air Force Station.

The Public Enquiry in connection with this scheme was held in July, 1956, and approval was received during 1957. The cut in capital expenditure, however, prevented progress during the year but the Council's Consulting Engineers were engaged in negotiations with the Central Electricity Authority for a section to pass through the new Power Station now under construction at The Leys.

Future Sewerage Schemes.

During the last years reference has been made in the Annual Report to the need for sewerage schemes for some of the larger villages, particularly at Llandow, Llanmaes and Treoes, and it is again desired to emphasise the need for such schemes in these areas.

In 1956 the Public Health Inspector carried out surveys in these areas which showed that in Llandow 28 houses are drained to cesspools requiring constant emptying. In Llanmaes an area around the Church is particularly insanitary. Here nine houses drain slop water into the surface water sewer which eventually discharges into the village pool and stream. At Treoes there are 15 houses without satisfactory drainage.

The Council might wish to bear in mind that if sewerage schemes are provided, Government and County Council grants are available, whereas in cesspool emptying the whole of the cost has to be borne by the Local Authority.

Existing Schemes.

(a) Public sewers are available at:—

Llantwit Major	}	Combined sea outfall at Llantwit Major.
Boverton		
St. Athan		Temporary storage tanks and disposal in mouth of River Thaw.
Llanharry		Filtration Plant.
Llanharan		Filtration Plant.
Brynna		Filtration Plant.
Ynysmardy		Filtration Plant.
Aberthin	}	Combined Filtration Plant with Cowbridge Borough.
Llanblethian		

(b) **Council Housing Estates.**

Small sewage disposal plants are in operation at Ystradowen, Treoes and Marcross.

Conversion of Closets at Llandow, Llysworney, Colwinstone and St. Mary Hill Council Houses.

During the year closet conversion schemes were completed at Llysworney (8 houses), Colwinstone (10 houses), and St. Mary Hill (2 houses). The schemes which were prepared by the Council's Surveyor, provided for water closets drained to individual cesspools.

The Council decided to purchase land at Llandow for the construction of a new cesspool which is required in connection with the closet conversion scheme.

Schedule showing Mode of Drainage Disposal of Houses in Area as at 31st December, 1958.

Total Houses	Drainage		Unsatisfactory or no Drainage
	To Sewer	To Cesspool	
3,922	2,804	733	385
100 %	71.5 %	18.7 %	9.8 %
Population Served	15,010	2,618	1,372

Closet Accommodation.

- (a) Number of earth closets converted to water carriage system 13
- (b) Number of water closets provided to new dwellings 53

Schedule Showing Types of Closets in area as at 31st December, 1958

Water Closets	Earth Closets, Vaults, etc.	Total
3,289	633	3,922
83.9 %	16.1 %	100 %

DRAINAGE WORKS CARRIED OUT DURING 1958

Connections to Public Sewers

Scheme	Houses	Business Premises	Total
Tylagarw	—	—	—
Llanharry	15	—	15
Llanharan	—	—	—
Llantwit Major ...	5	—	5
Boverton	1	—	1
St. Athan	1	1	2
Brynna	2	—	2
Llanblethian and Aberthin	25	1	26
Ynysmardy	—	—	—
TOTALS ...	49	2	51

- (a) Provision of new drainage works and/or cesspool to existing houses 13
 To new houses 53

- (b) Inspection of drainage, sewers and sewage disposal works 539

Closet Conversions, 1958.

The Council make a grant of £12 0s. 0d. in respect of each earth closet converted to a water closet and connected to the sewer.

Particulars of the applications made during 1958 and those received since the scheme was first introduced in 1952 are given below:—

- (a) Applications granted from 1952—1957 ... 52
 (b) Applications granted during 1958 2

Cinemas.

There are two cinemas in the area. One is a modern building and the other is constructed largely of temporary materials. This latter cinema shows non-inflammable films.

Clean Air Act, 1956.

(a) Alkali, etc. (Works Order), 1958.

The above Order extends the list of works controlled by the Ministry's Alkali Inspectorate. The works concerned in this area are as follows:—

- (a) The National Coal Board's Coedely Coke Oven and By-Product Works. —
- (b) The Bronze Smelters Factory at Coedcae Lane (Aluminium Smelting).

The effect of this Order is that the Alkali Inspectorate will deal with complaints received with regard to any question of the discharge of noxious or offensive gases from such premises.

(b) The Dark Smoke (Permitted Period) Regulations, 1958.

These Regulations, which came into force on the 1st June, 1958, make it an offence to discharge dark smoke from any chimney for any period longer than ten minutes in eight hours in the case of a chimney serving a furnace, or eighteen minutes in the case of a chimney serving two furnaces.

It is an offence continually to discharge dark smoke into the atmosphere, otherwise than by soot blowing, for a period exceeding four minutes, or the emission of black smoke for more than two minutes in any period of thirty minutes.

Explosives Acts, 1875 and 1923.

The Public Health Inspector, who is the authorised officer under these Acts, states that there were seven explosives store licences and five registered premises during 1958. These premises are subject to inspection and the requirements of the Acts are observed.

Agricultural (Safety, Health and Welfare Provisions), 1956.

The above Act, which came into force during the year, places the responsibility on local authorities for requiring, in certain circumstances, the provision of sanitary conveniences in farms where workers are employed.

Factories Act, 1937.

The factories in the area were visited regularly to advise and check for compliance with the provisions of the Factories Act.

In addition to the administrative work covered by the Act, the conditions of storage of petroleum, petroleum mixtures and explosives are inspected at the same time.

(a) Inspection of Factories:

Premises	No. on Register	Inspections	Notices
Factories in which Sections 1, 2, 3, 4 and 6 are enforced by the Council	7	15	2
Factories not included in above in which S. 7 only is enforced by the Council	45	58	1
TOTAL ...	52	73	3

(b) Cases where Defects were Found:

Particulars	Found	Remedied	Referred by H.M. Inspector
Want of Cleanliness (S.1) ...	—	—	—
Overcrowding (S.2) ...	—	—	—
Unreasonable Temperature (S.3) ...	—	—	—
Inadequate Ventilation (S.4) ...	—	—	—
Ineffective Drainage of Floors (S.5) ...	—	—	—
Sanitary Conveniences (S.7):			
(a) Insufficient	1	1	—
(b) Unsuitable or Defective ...	1	1	—
(c) Not separate for Sexes ...	—	—	—
Other Offences against the Act (not including Offences relating to Outwork)	1	1	—
TOTAL ...	3	3	—

Flooding.

Very little flooding now takes place in the rural area although some flooding occasionally takes place in Llanblethian, at Boar's Head, Tylagarw, and at Beggers Bound, St. Athan.

The work of the Glamorgan River Board over the years has considerably reduced flooding in many parts of the rural area.

Petroleum.

There are forty licenced premises in the area for the storage of petroleum. These premises are inspected regularly. No prosecutions were made during the year.

Domestic Pets.

(a) Fleas.

The usual spring treatment was carried out at a summer hostel in the southern part of the district as a precautionary measure.

(b) Woodlice.

Supplies of insect powder are given to householders when these insects are alleged to be a nuisance. Three premises were actually treated by the Department during the year.

(c) Bed Bugs.

Twelve dwellinghouses were sprayed for the destruction of bed bugs during the year. Eleven of these were Council houses on the Pantgwyn Site where the block layout and prefabricated building materials assist the easy spread of infestation from one dwelling to another.

(d) Ants.

The issue of specially made up bait traps has now been discontinued in favour of treatment with liquid and powder insecticides which have been found equally effective in the destruction of these pests.

(e) Cockroaches.

Two premises were treated during the year.

(f) Wasps.

In one instance a dwellinghouse had become almost untenable due to the existence of a wasp nest. A successful treatment was carried out.

(g) Flies and Mosquitoes.

Several requests for spray treatments to eradicate fairly heavy infestations were received during the year, for house flies and mosquitoes. It seems possible that the more moist conditions existing during 1958, with the heavier rainfall, contributed somewhat to the many more complaints that were received regarding mosquitoes.

A special treatment was carried out to eradicate a host of blowflies at a large works canteen at The Leys Site. Fortunately, the flies had been confined to a lock-up room not used for food storage, and they were treated before any damage was done to the large stocks of open food which are handled at this canteen.

Other Pests.

Many types of domestic pest problems are brought to the Department in a year, and in each case the advice and resources of the Department are readily available to residents.

Rodent Control.

Details of the rodent control work carried out during the year are shown on the summary below. Due to staff difficulties the rodent operations were slightly reduced at various times of the year, but essential work was carried out by the staff of the Health Department.

Warfarin is now exclusively used for surface treatments and some use is made of tracking dusts in certain instances.

The sewers are treated in rotation by the alternative use of zinc phosphide and arsenic.

Summary of Rodent Control Work, 1958

	No. of Properties	Inspections	Infestations	Treatments carried out
Local Authority ...	3	3	3	2
Private Dwellings ...	3,922	188	92	35
Business Premises ...	153	124	35	14
Agricultural ...	333	31	1	Nil
TOTAL ...	4,411	346	131	51

SEWER RODENT CONTROL.

**Details of Treatments of Sewers for Rats during the Year
Ending 31st December, 1958.**

Sewerage Scheme	Manholes in System	Manholes Showing Prebait Take October, 1958
St. Athan	103	Nil
Llanharry	42	Nil
Boverton	49	Nil
Llantwit Major	104	24
Llanharan	108	41
Brynna	44	16
Tylagarw	20	Nil
Ynysmardy	22	Nil
Llanblethian	80	4
Aberthin	30	1
TOTALS ...	602	86

FOOD

Food Hygiene Regulations, 1955.

All the food premises in the area were regularly visited throughout the year, and special attention was given to those where notices requiring works were still in force. Some progress was achieved in this respect. In a few cases where notices have been served to get compliance with the Regulations, it has been thought inexpedient to enforce because plans have been submitted for extensive alterations to those premises. This affects the grocers and butchers shops shown in the last column of the following table. It is felt, however, that there is a need for a firm date for such works of reconstruction and that the matter cannot be left in abeyance indefinitely.

The position at 31st December, 1958, was as follows:—

Type of Business	No. in Area	Works in Hand from 1957	New Notices during 1958	Works Carried Out in 1958	In Hand 31/12/58
Grocers	47	8	—	6	2
Confectionery	9	—	—	—	—
Bakers	1	—	—	—	—
Fish and Chip Shops and Fresh Fish Shops	4	1	—	1	—
Cafes and Mobile Canteens ...	18	2	1	3	—
Works Canteens with full canteen facilities	8	1	—	1	—
Works Messrooms	8	—	—	—	—
School Canteens with Food Preparation on Premises ...	13	7	—	1	6
School Canteens, serving arrangements only	2	2	—	—	2
Cinemas	2	—	—	—	—
Holiday Camps	3	—	—	—	—
Butchers with Licence to Produce Potted Meats	8	1	—	1	—
Butchers without Registration to do Potted Meats	5	2	1	1	2
	128	24	2	14	12

British Empire Games Village.

The British Empire Games were held in Cardiff in July, 1958. The village, housing some 1,500 athletes, trainers, etc., was at the Royal Air Force Station, St. Athan within this area.

The Empire Games Authorities asked the District Council if they would undertake the cleansing of the camp during the period of the Games and this was readily agreed to. The District Council erected litter bins throughout the whole of the village and also provided a daily refuse collection service, and during the peak of the Games collections were carried out twice daily including Sundays.

The Games Authorities also asked the Council's Medical Officer of Health and Public Health Inspector to assist in the supervision of the food hygiene arrangements at the Village.

Talks were given to all the catering staff and regular inspections were made during the period of the Games.

LICENCES AND REGISTRATIONS:—

(a) Registered under Section 16 of the Food and Drugs Act, 1955.

(a) For preparation and/or sale of ice cream	...	41
(b) For the preparation of sausages, preserved meats, etc.	... ..	8

(b) Milk Licences Granted by the District Council.

(a) Dealers' Licences: Pasteurised	...	26
(b) Dealers' Licences: Tuberculin Tested	...	4
(c) Dealers' Licences: T.T. (Pasteurised)	...	18
(d) Dealers' Licences: Sterilised	... ..	12
(e) Supplementary Licences: Pasteurised	...	5
(f) Supplementary Licences: Tuberculin Tested	.	2
(g) Supplementary Licences: T.T. (Pasteurised)	.	3
(h) Supplementary Licences: Sterilised	... ..	3

Applications for Transfers

(a) Distributors	...	2	1
(b) Dairies	... ..	—	—

Number on Register at End of Year:—

(a) Distributors	...	33
(b) Dairies	... ..	15

Milk Samples.

Bacteriological Examination of Milk.

The Cowbridge Rural Area is a specified area in which only Pasteurised, Sterilised or Tuberculin Tested Milk can be sold. The milk retailed is of a high bacteriological standard and during the year only three unsatisfactory samples of pasteurised milk were taken.

(a) Tubercle Bacilli Examination of Milk.

Until recently the County Council delegated the samples of milk for tubercle bacilli to the District Councils. No allocation of samples was made during 1958 but the District Council, when the occasion demands, takes special samples for examination for tubercle bacilli. Such samples are taken as a matter of routine in all notified cases of non-pulmonary tuberculosis where raw milk is consumed.

(b) *Brucella Abortus*.

No samples were taken under this head during the year.

(a) Milk (Special Designations) Regulations, 1949.

Pasteurised samples: Satisfactory	...	17	
Unsatisfactory	...	2	
		—	19

(b) Tuberculin Tested.

Samples satisfactory, Methylene Blue	...	1	
Samples unsatisfactory, Methylene Blue	...	—	
		—	1

(c) Tuberculin Tested (Pasteurised).

Samples satisfactory	...	...	...	18	
Samples unsatisfactory	...	...	...	1	
				—	19

(d) Sterilised Milk.

Samples satisfactory	3	
Samples unsatisfactory	—	
				—	3

Total Milk Samples Taken	...	42
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Clean Food Campaign.

Food premises within the area are inspected regularly and all new premises being erected are examined while the works proceed, to ensure that they comply with the Regulations. In a scattered area of this nature, courses on clean food handling are not possible and as a substitute the Council's Officers discuss the question of food handling with the workers concerned during inspections.

During the period of the Empire Games close collaboration existed between the Council's Officers and the British Empire Games Authorities in the supervision of food hygiene arrangements at the Village.

Manufacture of Sausages, Pressed Meats, etc.

Most of the grocers in the area now sell frozen foods, including frozen sausages and fresh meat.

Ice Cream Regulations.

There is only one registered manufacturer of ice cream by the heat treatment method in the area and he produces this for his own retail trade only.

Regular samples are taken and the only unsatisfactory result during the year occurred in ice cream from this manufacturer. Three other manufacturers sell ice cream made by the complete cold mix method and here too, the manufacture is only on a small scale.

The majority of ice cream retailed in the area is purchased principally by retailers from the large companies manufacturing ice cream outside the area.

It is noted that the number of manufacturers of ice cream is being considerably reduced each year and almost all the ice cream in the area is received from one of the four national manufacturers.

The Results of Samples of Ice-Cream during 1958

Provisional Grade			Provisional Classification	No. of Samples
Grade 1	...	...	Satisfactory ...	26
Grade 2	...	...	Fairly Satisfactory ...	—
Grade 3	...	...	Unsatisfactory ...	1
Grade 4	...	...	Very Unsatisfactory	—
TOTAL SAMPLES ...				27

Comparison of Analyses with Previous Years

Provisional Grade			Percentage of Samples in Cowbridge Rural Area										
			1947	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958
1	...	...	9.0	40.0	55.8	78.1	79.4	82.1	80.7	97.7	94.7	94.4	96.3
2	...	...	4.5	10.0	13.9	2.4	14.7	12.8	5.3	2.3	—	—	—
3	...	...	45.5	35.0	23.3	7.3	5.9	2.5	10.5	—	5.3	5.6	3.7
4	...	...	41.0	15.0	7.0	12.2	—	2.5	3.5	—	—	—	—

Slaughtering Arrangements.

There is only one registered slaughterhouse within the area and this is situated at Llanharan. Young animals only are slaughtered and these are invariably in prime condition. All the carcasses and offal slaughtered here are inspected.

No difficulty was experienced in the examination of the carcasses and offal as slaughtering is confined to two days in each week, and only in very exceptional cases is Sunday slaughtering resorted to.

The Public Health Inspector reports that no generalised tuberculosis was found during the year. Localised tuberculosis was found in 4.9 per cent of cattle slaughtered.

Liver fluke (*distoma hepaticum*) was again the most common condition necessitating the condemnation of beasts' livers. There was no cases of *cysticercus bovis*.

During the year some improvements were carried out to the approach to the slaughterhouse and to the manure pit.

Inspection of Bacon Pigs.

There were very few requests for the inspection of the carcasses and offal of farmers' bacon pigs due to the small number of such pigs now slaughtered.

Disposal of Condemned Foods.

Diseased or unsound meats are treated with an approved dye before collection by a licenced dealer from an adjoining area. This dealer has a modern digesting plant which sterilises all diseased foods.

Carcases Inspected and Condemned.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known) ...	143	—	—	612	124
Number inspected	143	—	—	612	124
All diseases (except tuber- culosis) — Whole carcases condemned	—	—	—	—	—
Carcases of which some part or organ was condemned ...	66	—	—	46	3
Percentage of the number inspected affected with disease other than tuber- culosis	46.2%	—	—	7.5%	2.4%
Tuberculosis only. Whole carcases condemned ...	—	—	—	—	—
Carcases of which some part or organ was condemned ...	7	—	—	—	—
Percentage of the number inspected affected with Tuberculosis	4.9%	—	—	—	—

Registration of Food Premises, 1958

Registrations	No. on Register at beginning of year	New Applications	Cancellations	Transfers	No. on Register at end of year
For the preparation and manufacture of Sausages, Potted, Pressed, Pickled, or preserved foods in- tended for sale ...	13	—	5	—	8
Ice-cream Manu- facturers	4	—	—	—	4
Ice-cream Retailers	39	4	—	2	43

Meat and Foods Condemned, 1958.

			lbs.	ozs.
Beef Liver	...	...	329	8
Lamb Liver	...	...	56	8
Pig Liver	...	...	5	0
Beef Offal	...	...	26	0
Beast Kidney	...	...	3	0
Pig Offal	...	...	3	0
Beef Head and Tongues	...	...	74	0
Black Pudding	...	...	2	12
Cooked Ham	...	...	70	9
Tinned Tomatoes	...	...	4	13
TOTAL ...			575	2

Samples taken in the Cowbridge Rural District by the County Sampling Officers during the year ended 31st December, 1958.

Baking Powder	...	2	Meat Products (canned)	1
Bicarbonate of Soda	...	1	Milk	...
Butter	...	1	Mustard	...
Cake Sponge Mix, etc.	10		Olive Oil	...
Calves' Foot Jelly	...	2	Orange & Lemon Curd	1
Cereals	...	1	Parsley & Sage (dried)	1
Chicken (minced)	...	1	Pepper	...
Condensed Milk	...	2	Rice	...
Cream	...	2	Salad Cream	...
Fish (canned)	...	2	Sauces	...
Fish Paste	...	2	Semolina	...
Flour	...	2	Soft Drinks	...
Fruit (canned)	...	4	Soup (canned)	...
Fruit (dried)	...	2	Sweets	...
Glaze Cherries	...	1	Syrup	...
Gravy Browning	...	1	Table Jelly	...
Health Salts	...	1	Tapioca	...
Honey	...	2	Tea	...
Ice Cream	...	2	Vinegar	...
Icing Sugar	...	1	Vitamin Tabs., etc.	...
Jam	...	1	Peanut Butter	...
Lard	...	1		
Lentils	...	1		
Marmalade	...	2		
Marzipan	...	2		
			TOTAL ...	230

Remarks.—Proceedings were taken against a Vendor for selling milk to which water had been added. The defendant was fined £15, plus £3 3s. 0d. Advocate's fee, plus £1 1s. 0d. Analyst's fee.

Sanitary Inspection of the Area, 1958.

	No. of Inspections	Informal Notices	Work Done	Work in hand	Work not done	Statutory Notices	Work done	Work not done	Work in hand	Undertakings Closing Orders & Demolition Orders
Sewers and Sewage Disposal ...	277	1				1	1		1	
Drainage	262	8	7			1	1	1		
Meat, Food and Food Hygiene ...	399									
Shop Acts	86									
Dairies and Milk Distribution ...	66									
Housing	547	16	9	4	3	2	2			6
Housing Recorded Inspections ...	17									
Public Health Acts & Nuisances	407	7	5		2					
Camping Sites	140	1	1							
Infectious Diseases	76									
Disinfections and Disinfestations	66									
Workshops, Factories, etc. ...	73	3	3							
Refuse Collection and Disposal ...	1255	1	1							
Water Supplies	178	8	6	2						
Cinemas	3									
National Assistance Act	51									
Petroleum and Explosives	50									
Works in Progress	22									
Rodent Control	731									
Miscellaneous	1305									
TOTALS	6011	45	32	6	7	4	3	—	1	6

Note—The above excludes works carried out by the Council's Works Department on Council property, and rodent inspections made by the Rodent Operator.

In conclusion, I wish to thank the members of the Council and Chief Officials of the Departments, together with the staff of the Health Department for their co-operation and assistance during the year.

I am, Madam Chairman and Gentlemen,

Your obedient Servant,

G. McKIM THOMAS,

October, 1959.

Medical Officer of Health



